

## HERISSANTIA, BOGENHARDIA, AND GAYOIDES (MALVACEAE)

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IN 1903, J. K. Small raised the section ["subgenus"] *Gayoides* A. Gray of *Abutilon* Mill. to the rank of genus, with *Gayoides crispum* (L.) Small (*Abutilon crispum* (L.) Medic., *Sida crispa* L.) as the type (Fl. Southeast. U.S. 764, 1335). Subsequently, *Gayoides* has been adopted and used by many authors for this segregate of *Abutilon*. In 1954, Kearney checked the availability of two older names, *Herissantia* Medic. and *Bogenhardia* Reichenb., for this genus. He found (Leafl. West. Bot. 7: 119, 120. 1954) *Herissantia* (Medicus, Philosophische Botanik 1: 90. 1789) to be a *nomen nudum*, but *Bogenhardia* (Reichenbach, Repertorium Herbarii 1: 200. 1841; 2: 48. 1841) to be validly published and hence much earlier than *Gayoides*. Consequently, Kearney transferred *Gayoides crispum* into *Bogenhardia* as *B. crispa* (L.) Kearney.

There is, however, an earlier work by Medicus, "Kurzer Umriss einer systematischen Beschreibung der mannigfaltigen Umhüllungen der Saamen" (Vorles. Churpfälz. Phys.-Oekon. Ges. 4(1): 244. 1788), in which *Herissantia* was published with the following description: "224. HERISSANTIA (*Sida crispa*. Cavanil. Dissertatio prima, num. 65). Dem äussern Ansehen nach sieht die Saamenkapsel gänzlich jener von *Abutilon* gleich, unterscheidet sich aber von derselben merkwürdig dadurch, dass bei gänzlicher Zeitigung keine einzelne Saamenkapseln da sind, sondern alle Schalen bis unten gänzlich geöffnet, und nur wo sie in der Mitte gemeinschaftlich zusammenstossen, miteinander verwachsen sind." Although the description is rather brief and only refers to the fruit, it indicates the main character distinguishing *Herissantia* from *Abutilon* and certainly merits recognition as a formal generic description no less than Endlicher's diagnosis (Gen. Pl. 986. 1840) of the subdivision *Gayoides* of *Bastardia* HBK. on which Reichenbach's *Bogenhardia* was based. Moreover, an additional Latin diagnosis of *Herissantia* is found interpolated in Medicus's system of or key to the fruit types (*loc. cit.* 369), namely: "G. [*Capsulae*] *plures, receptaculo communi affixae, suntque . . . a. 3. multivalves* 224. *Herissantia*." Thus, *Herissantia* appears to be a validly published name which is to be taken up in place of the later *Bogenhardia* (1841). Since this neotropical genus of at most three species (see H. Monteiro, Anais Soc. Bot. Brasil 5: 438-444. 1956) is economically unimportant, there is no reason at all to propose for conservation either *Gayoides* or *Bogenhardia*. For convenience I present below the correct name for this segregate of *Abutilon*, with its synonyms, the type species common to all, and the necessary new combinations.

**Herissantia** Medic. Vorles. Churpfälz. Phys.-Oekon. Ges. 4(1): 244. 1788.

*Bastardia* HBK. b. *Gayoides* Endl. Gen. Pl. 986. 1840.

*Bogenhardia* Reichenb. Repert. Herb. 1: 200. 1841; 2: 48. 1841, *nom. illeg.*

*Abutilon* sect. *Gayoides* (Endl.) A. Gray, Gen. Pl. U.S. 2: 65. 1849.

*Gayoides* Small, Fl. Southeast. U.S. 764, 1335. 1903, *nom. illeg.*

*Pseudobastardia* Hassler, Bull. Soc. Bot. Genève II. 1: 209. 1909, *nom. illeg.*

TYPE SPECIES: ✓ **Herissantia crispa** (L.) Brizicky, comb. nov. (*Sida crispa* L. Sp. Pl. 2: 685. 1753; *Abutilon crispum* (L.) Medic. Künstl. Geschl. Malven-Fam. 29. 1787; *Gayoides crispum* (L.) Small, Fl. Southeast. U.S. 764. 1903; *Bogenhardia crispa* (L.) Kearney, Leaflet West. Bot. 7: 120. 1954).

The correct names for two Brazilian species recognized by Monteiro (*loc. cit.*) are the following:

**Herissantia tiubae** (K. Schum.) Brizicky, comb. nov. (*Abutilon tiubae* K. Schum. in Mart. Fl. Brasil. 12(3): 381. 1891; *Bogenhardia tiubae* H. Monteiro, Anais Soc. Bot. Brasil 5: 440. 1956).

**Herissantia nemoralis** (St.-Hil. *et al.*) Brizicky, comb. nov. (*Bastardia nemoralis* St.-Hil. *et al.*, Fl. Brasil. Merid. 1: 195. 1827; *Bogenhardia nemoralis* (A. Juss.) H. Monteiro, *loc. cit.* 442).

Derivation of the generic name was not indicated by Medicus. There is little doubt, however, that the name commemorates Louis Antoine Prospère Hérissant, 1745–1769, a French physician, naturalist, and poet, the author of the *Bibliothèque physique de la France ou Liste de tous les ouvrages, tant imprimés que manuscrits, qui traitent de l'Histoire naturelle de ce Royaume; avec des notes critiques & historiques* (8°. 496 pp. Paris), published posthumously in 1771. Besides this rather well-known bibliographic work, Hérissant's other, apparently very rare, publication, *Jardin des curieux, ou catalogue raisonné des plantes les plus belles et les plus rare avec leur culture* (12°. Paris) appeared in the same year. (Cf.: A. Haller, *Bibliot. Bot.* 2: 611. 1772; G. R. Boehmer, *Bibliot. Script. Hist. Nat. Oekon.* 3(1) [III, a]: 719. 1787.)